

**NAME AND CODE**

**Magnesium Phosphate Tribasic Pentahydrate FCC Powder**

Code 2565

**CHEMICAL FORMULA**

$Mg_3(PO_4)_2 \cdot 5H_2O$

Mol. Wt. 352.87

**CAS NUMBER**

7757-87-1

**USE**

Nutrient; dietary supplement

**DESCRIPTION**

White powder; odorless

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**

Assay	98.0-101.5%
Arsenic (As)	3 ppm maximum
Fluoride	25 ppm maximum
Lead (Pb)	2 ppm maximum
LOH	20.0-27.0%
Identification	
Test A	Pass Test
Test B	Pass Test

**LEAD – typically**

< 0.4 ppm

**MAGNESIUM CONTENT**

Anhydrous Basis	27.1 - 28.1%
Pentahydrate Basis	20.2 - 20.9%

**CONTAINERS**

50 kg /110 lb fiber drums; 25 kilogram packs EU only

**STORAGE**

Store in a clean, dry warehouse in the original unopened containers.

**REVISION DATE**

09/16/10